Docket No./Serial No. (if known): 57421US002 Inventor(s): Mark T. Anderson, Craig R. Schardt, James R.

Onstott, and Kent Budd

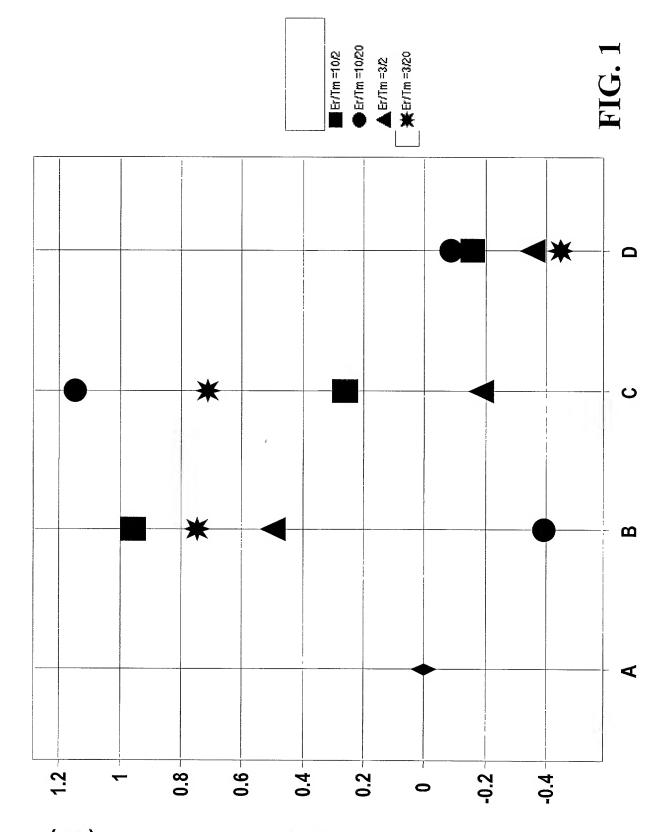
Onstott, and Kent Budd

Title: A METHOD FOR MANUFACTURING SILICATE

WAVEGUIDE COMPOSITIONS FOR EXTENDED L-BAND

Title: A METHOD FOR MANUFACTURING SILICATE

Differential Normalized Emission 1610 nm (dB)

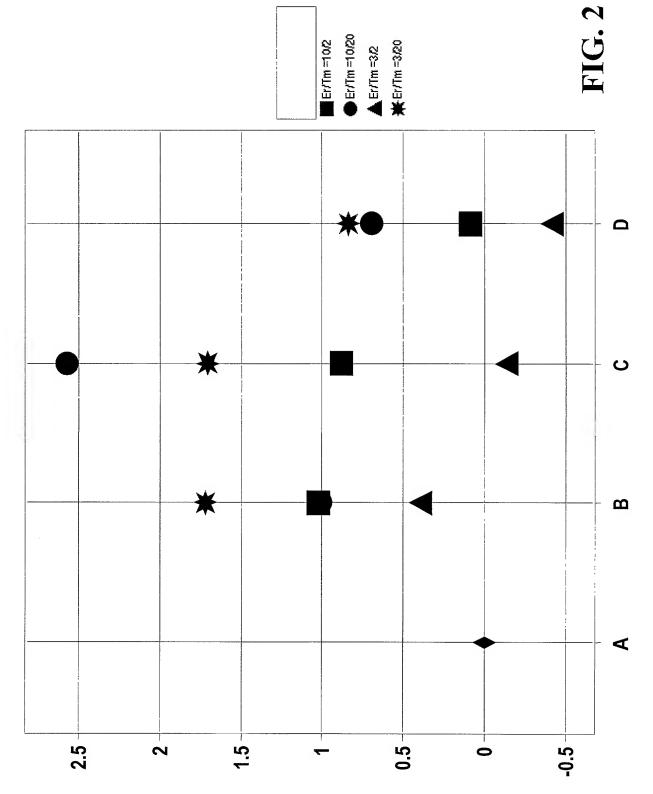


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Onstott, and Kent Budd

AND S-BAND AMPLIFICATION MAVEGUIDE COMPOSITIONS FOR EXTENDED L-BAND A METHOD FOR MANUFACTURING SILICATE :əliiT

Differential Normalized Emission 1630 nm (dB)



Docket No./Serial No. (if known): 57421US002 Inventor(s): Mark T. Anderson, Craig R. Schardt, James R. Onstott, and Kent Budd Title: A METHOD FOR MANUFACTURING SILICATE WAVEGUIDE COMPOSITIONS FOR EXTENDED L-BAND AND S-BAND AMPLIFICATION AND S-BA

► Er/Tm =3/2 ★ Er/Tm =3/20 Er/Tm =10/20 Er/Tm =10/2 C $\mathbf{\omega}$ 3 2

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Title: A METHOD FOR MANUFACTURING SILICATE
WAVEGUIDE COMPOSITIONS FOR EXTENDED L-BAND
AND S-BAND AMPLIFICATION

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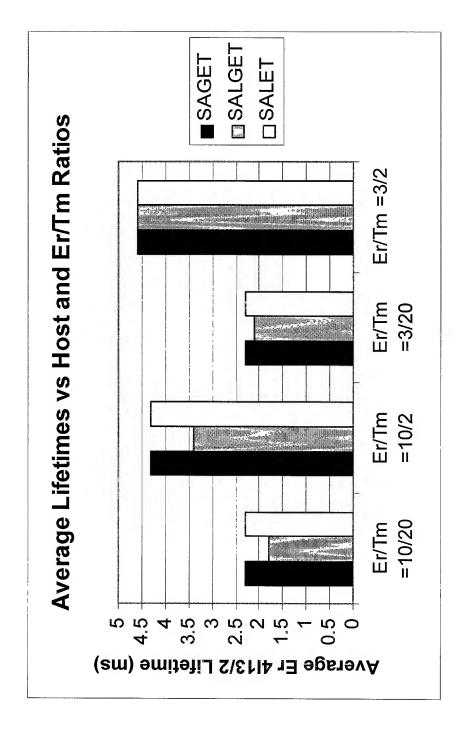


FIG. 4

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Differential Normalized Emission at 1630 nm (dB)

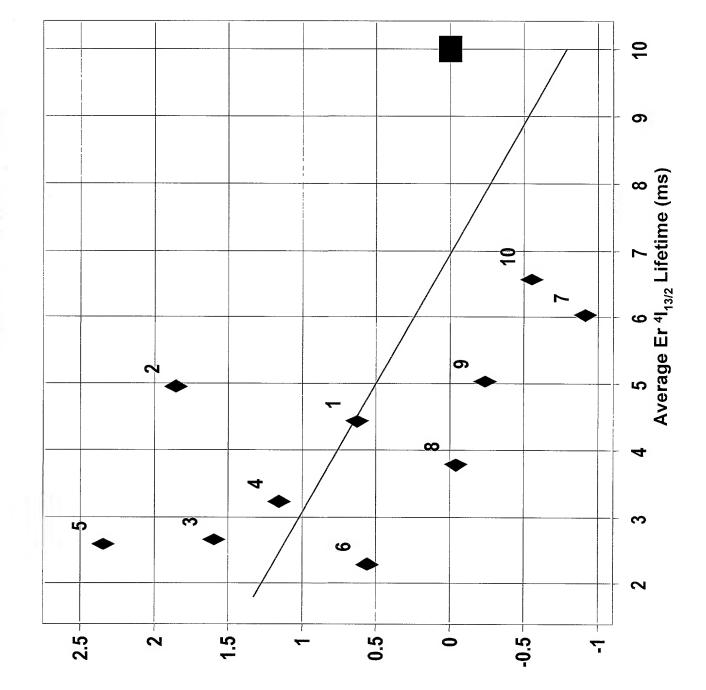
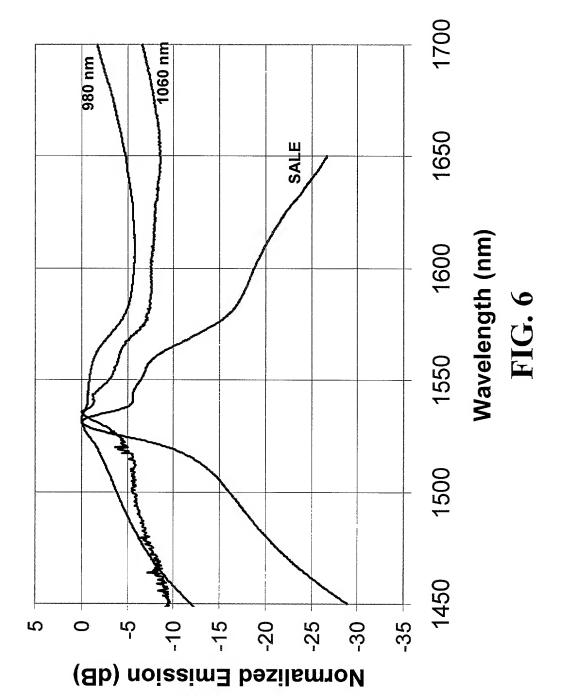


FIG.



AND S-BAND AMPLIFICATION

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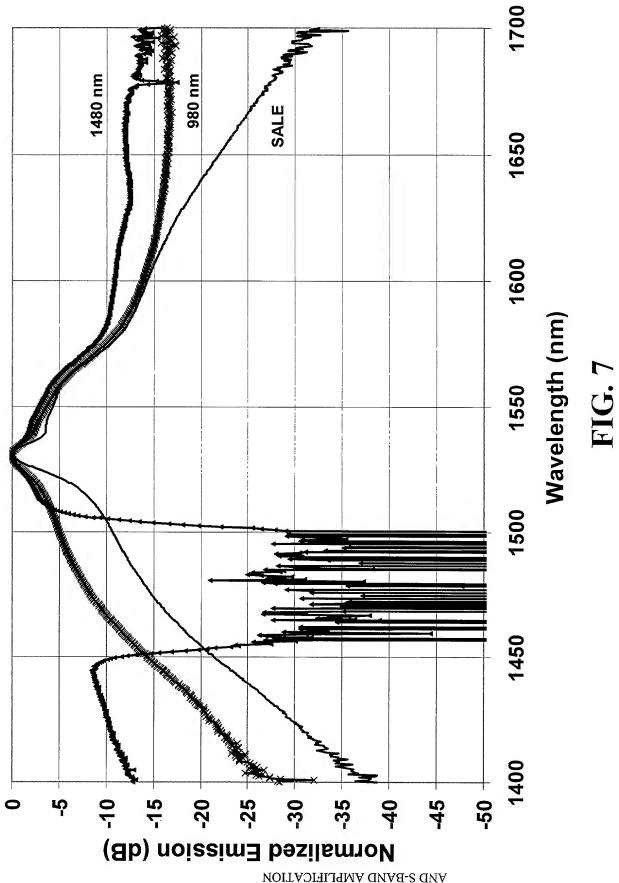
Docket No./Serial No. (if known): 57421US002

Inventor(s): Mark T. Anderson, Craig R. Schardt, James R.

Title:

MYAEGNIDE COMBOSILIONS FOR EXTENDED L-BAND

A METHOD FOR MANUFACTURING SILICATE



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WAVEGUIDE COMPOSITIONS

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A METHOD FOR

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WAVEGUIDE COMPOSITIONS

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